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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

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February 19, 2014

Bret Clark
Hub Research & Development Company
377 West 1500 South
Salt Lake City, Utah 84115

Subject: Deficient Notice of Intention to Commence Small Mining Operations, Hub Research & Development Co., Bret Clark Mine, S/015/0043, Emery County, Utah

Dear Mr. Clark:

The Division of Oil, Gas and Mining has reviewed the reclamation cost estimate for the Bret Clark mine. There are inconsistencies between the Notice of Intention to Commence Small Mining Operations (NOI) and the reclamation cost estimate that need to be resolved before the Division can accept the cost estimate.

1. The acreage values in the NOI and in the reclamation cost estimate are not consistent. In some places the disturbed area is shown as 2.36 acres, but the acreage shown in the cost estimate is 4.51 acres. Please clarify. If necessary, a Division representative could meet with you on site and use a GPS unit to determine the permit boundaries and the acreage. The BLM should be included in this exercise.
2. The number of portals and shafts is not consistent. In the old bond calculations there were two shafts and two portals. Other documents show two portals and one shaft, and the reclamation cost estimate has three portals and no shafts. Please clarify.
3. The reclamation cost estimate that you submitted was done in 2010 and needs to be updated to use current costs.
4. The cost estimate does not mention replacement of topsoil on the reclaimed stockpile areas.
5. There is no mention of backfilling the highwalls or cut areas in the roads.



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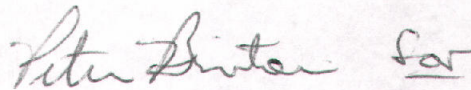
The Division requests that you fill out an NOI form (copy enclosed) and include responses to items one and two above. The NOI form outlines information needed, such as land ownership, the number of acres to be disturbed, the numbers of portals and shafts, and those persons authorized to deal with the Division. The maps included with the NOI should clearly delineate the areas for which you have reclamation responsibility and those areas that should be reclaimed by others. They need to include items normally included on maps, such as the scale, a north arrow, etc.

I encourage you to work closely with the project lead, Wayne Western, as you respond to this letter. In particular, please contact him about the reclamation cost estimate so he can explain exactly what types of calculations and information are and are not acceptable. He can be reached by telephone at 801-538-5263 or by e mail at waynewestern@utah.gov.

Please provide the updates NOI and reclamation cost estimate by March 20, 2014.

Thank you for your cooperation. Non-technical questions about this letter can be addressed to me at 801-538-5261 or by e mail at paulbaker@utah.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Paul B. Baker", followed by a small flourish or mark.

Paul B. Baker
Minerals Program Manager

PBB: whw: eb
cc: Chris Conrad, Price BLM (cconrad@blm.gov)
Michael Leschin, Price BLM (mleschin@blm.gov)
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